

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: January 9, 2002, 20:59:50 ; Search time 81.87 Seconds
(without alignments)

10199.394 Million cell updates/sec

Title: US-09-117-447-1

Perfect score: 3687

Sequence: 1 atggatagggaaaaagctgt.....ttacattctatattaagtaa 3687

Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:*

1: /cggn2_6/ptodata/2/ina/5A_COMB.seq:*

2: /cggn2_6/ptodata/2/ina/5B_COMB.seq:*

3: /cggn2_6/ptodata/2/ina/6A_COMB.seq:*

4: /cggn2_6/ptodata/2/ina/6B_COMB.seq:*

5: /cggn2_6/ptodata/2/ina/PCTUS_COMB.seq:*

6: /cggn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	56.8	1.5	4248	3 US-08-678-614-1
C	56.2	1.5	397	3 US-09-253-691-3
C	53.4	1.4	7218	1 US-08-232-463-14
C	51.4	1.4	7291	4 US-08-913-942-3
C	51	1.4	2241	2 US-08-785-431-3
C	51	1.4	2241	4 US-09-205-048-3
C	51	1.4	2367	2 US-08-785-431-1
C	51	1.4	2367	4 US-09-205-048-1
C	49.8	1.4	5738	1 US-08-409-995-3
C	49.8	1.4	5738	3 US-08-685-467-3
C	49	1.3	5361	4 US-08-973-462-2
C	49	1.3	6152	4 US-08-973-462-1
C	48.8	1.3	2223	1 US-08-257-073-4
C	47.4	1.3	3095	6 5231168-1
C	46.6	1.3	4766	5 PCT-US93-07261-10
C	45.2	1.2	921	2 US-08-795-475-2
C	45.2	1.2	1308	2 US-08-795-475-4
C	45.2	1.2	5511	3 US-08-928-361B-2
C	45.2	1.2	7334	3 US-08-928-361B-1
C	45	1.2	3279	4 US-08-446-137B-1
C	44.6	1.2	14602	1 US-08-597-236-1
C	44.6	1.2	14602	1 US-08-746-682A-1
C	44.4	1.2	1867	1 US-07-772-087-1
C	43.8	1.2	1891	4 US-08-973-462-3
C	43.6	1.2	1555	3 US-08-669-408B-9
C	43.2	1.2	876	4 US-08-446-137B-3
C	43.2	1.2	4197	2 US-08-682-517-7

ALIGNMENTS

RESULT 1
US-08-678-614-1
Sequence 1, Application US/08678614
Patent No. 6013507

GENERAL INFORMATION:

APPLICANT: Tomasz, Alexander
APPLICANT: Delencastre, Herminia

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/678,614
FILING DATE: 10-JUL-1996
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-139

TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4248 base Pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: Linear

MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO

ORIGINAL SOURCE:
ORGANISM: Staphylococcus aureus
STRAIN: RUSA 256

FEATURE:
NAME/KEY: ORF
LOCATION: 154..1410

FEATURE:

Sequence 8, Appli
Sequence 13, Appli
Sequence 93, Appli
Sequence 3, Appli
Sequence 24, Appli
Sequence 14, Appli
Sequence 14, Appli
Sequence 14, Appli
Sequence 14, Appli
Sequence 1, Appli
Sequence 2, Appli
Sequence 1, Appli
Sequence 1, Appli

Matches 169; Conservative 0; Mismatches 188; Indels 0; Gaps 0;
 CLONE: ptzgpt-F1s
 ; US-08-232-463-14

Query	Match	Score	DB	Length	Indels	Gaps
Qy 1454 cagcacaactgtgttacccgttactacttttagtgttacaactttatctactgtt	1.4%	53.4	1	7218	0	0;
Db 358 CGCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	Best Local Similarity	6.3%	Pred. No.	0.0027	Mismatches	178;
Qy 1514 ctcttacaacaatgttggttaatggctgggtgtgaatggaaactatt	Matches	27;	Conservative	222;	Indels	0;
Db 298 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	Query	97	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
Qy 1574 atccatggtttcaatttacaaacaaacgtttgtactaacttttagct	Matches	27;	Conservative	222;	Mismatches	178;
Db 238 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	Qy 1634 attcataactttgttggaaaagaatctggtagactttagct	1573	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
Qy 1694 atgcagacgttaatggtaacttttagtggtagccaaagggcttggat	Db 238 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	1633	1.4%	53.4	1	7218;
Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	Qy 1634 attcataactttgttggaaaagaatctggtagactttagct	1633	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
Db 58 ATGAGAAACTATTCAAACTTAAAGAATAATACACC	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
RESULT 3	Db 58 ATGAGAAACTATTCAAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
US-08-232-463-14/C	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; Sequence 14, Application US/08232463	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; Patent No. 5670367	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; GENERAL INFORMATION:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; APPLICANT: DORNER, F.	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; APPLICANT: SCHEIFLINGER, F.	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; NUMBER OF SEQUENCES: 52	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; CORRESPONDENCE ADDRESS:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; ADDRESSEE: Foley & Lardner	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; STREET: 1800 Diagonal Road, Suite 500	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; CITY: Alexandria	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; STATE: VA	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; COUNTRY: USA	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; ZIP: 22313-0299	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; COMPUTER READABLE FORM:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; MEDIUM TYPE: FLOPPY disk	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; COMPUTER: IBM PC compatible	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; OPERATING SYSTEM: PC-DOS/MS-DOS	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; SOFTWARE: PatentIn Release #1.0, Version #1.25	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; CURRENT APPLICATION DATA:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; APPLICATION NUMBER: US/08/232, 463	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; FILING DATE:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; CLASSIFICATION: 435	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; PRIOR APPLICATION DATA:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; APPLICATION NUMBER: US/07/935, 313	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; FILING DATE:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; ATTORNEY/AGENT INFORMATION:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; NAME: BENT, Stephen A.	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; REGISTRATION NUMBER: 29, 768	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; REFERENCE/DOCKET NUMBER: 30472/114 TMU	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; TELECOMMUNICATION INFORMATION:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; TELEPHONE: (703)836-9300	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; TELEX: 899149	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; INFORMATION FOR SEQ ID NO: 14:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; SEQUENCE CHARACTERISTICS:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; LENGTH: 7218 base Pairs	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; TYPE: nucleic acid	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; STRANDEDNESS: single	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;
; TOPOLOGY: linear	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	gatgttagcaacagtagtaaggcaagcaaaaagcacagttaaaaagcatactata	156	0;	0;
; IMMEDIATE SOURCE:	Db 118 TCTGAACATTCAAAGTAGTATTAAAACAACTTAAAGAATAATACACC	1693	1.4%	53.4	1	7218;

RESULT 6
US-09-205-048-3
; Sequence 3, Application US/09205048
; Patent No. 6258936
; GENERAL INFORMATION:
; APPLICANT: Hodgson, John E.
; APPLICANT: Lawlor, Elizabeth J.
; TITLE OF INVENTION: NO. 6258936el spoilie
; FILE REFERENCE: P31349-D1
; CURRENT APPLICATION NUMBER: US/09/205,048
; CURRENT FILING DATE: 1998-12-04
; EARLIER APPLICATION NUMBER: 08/785,431
; EARLIER FILING DATE: 1997-01-17
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 2241
; TYPE: DNA
; ORGANISM: *Staphylococcus aureus*
; US-09-205-048-3

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/785,431
FILING DATE: 17-JAN-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 9600955.0
FILING DATE: 17-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Gimmi, Edward R
REGISTRATION NUMBER: 38,891
REFERENCE/DOCKET NUMBER: P31349
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-4478
TELEFAX: 610-270-5090
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2367 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA

CURRENT FILING DATE: 1998-12-04
EARLIER APPLICATION NUMBER: 08/785,431
EARLIER FILING DATE: 1997-01-17
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1
LENGTH: 2367
TYPE: DNA
ORGANISM: *Staphylococcus aureus*
S - 09 - 205 - 048 - 1

REFERENCE/DOCKET NUMBER: A-61053/RFT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 5738 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
US-08-409-995-3

ADDRESSEE: Flehr, Hohbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111-4187

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/685,467

FILING DATE: 22-JUL-1996

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/409,995

FILING DATE: 24-MAR-1995

ATTORNEY/AGENT INFORMATION:

NAME: Silva, Robin M.

REGISTRATION NUMBER: 38,304

REFERENCE/DOCKET NUMBER: A-61053-2/RFT/RMS

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 781-1989

TELEFAX: (415) 398-3249

TELEX: 910 277299

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 5738 base pairs

TYPE: nucleic acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: DNA (genomic)

US-08-685-467-3

Db 2017 CAAACACTGATAATGTTTAAGGGTACTGCTGTCACAAAGGTGGC 2076
Qy 1141 ttggaaactaatgtaaacaaacacttctgttaacttagcaggtacttcgacact 1200
Db 2077 TTGAAACTGTTAAACTGGAGCGACTGCAGATCGCGGTAAAGTAAAGAT 2136
Qy 1201 gacgatact 1209
Db 2137 GCTACTGCT 2145

RESULT 11

US-08-973-462-2

; Sequence 2, Application US/08973462B

; Patent No. 6191270

; GENERAL INFORMATION:

; APPLICANT: DRUILHE, PIERRE

; APPLICANT: DAUBERIES, PIERRE

; TITLE OF INVENTION: MALARIAL PRE-ERYTHROCYTIC STAGE POLYPEPTIDE MOLECULES

; FILE REFERENCE: 0660-0125-0 PCT

; CURRENT APPLICATION NUMBER: US/08/973,462B

; CURRENT FILING DATE: 1998-02-06

; EARLIER APPLICATION NUMBER: PCT/FR96/00894

; EARLIER FILING DATE: 1996-06-12

; EARLIER APPLICATION NUMBER: FR 95/07007

; EARLIER FILING DATE: 1995-06-13

; NUMBER OF SEQ ID NOS: 29

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 2

; LENGTH: 5361

; TYPE: DNA

; ORGANISM: P. falciparum

; FEATURE:

APPLICATION NUMBER: PCT/US93/07261
FILING DATE: 19930805
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 07/927,531
FILING DATE: 07-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Blasdale, John H. C.
REGISTRATION NUMBER: 31,895
REFERENCE/DOCKET NUMBER: DX0288K
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-822-7398
TELEFAX: 201-822-7039
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 4766 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
ORIGINAL SOURCE:
ORGANISM: Plasmodium falciparum
STRAIN: Malayan Camp
IMMEDIATE SOURCE:
CLONE: p2b1; p12-1
FEATURE:
NAME/KEY: CDS
LOCATION: 3..4766
PCT-US93-07261-10

Search completed: January 9, 2002, 22:39:21
Job time: 5971 sec